

ABSTRACT

A single piece intake manifold having a core and a seal. Material of the seal and material of the core are
5 intermixed to bond the core to the seal. The core is a plastic material such as a polyamide and/or a thermoplastic material. The seal is rubber, plastic or a thermoplastic elastomer. A method for manufacture the intake manifold includes providing a two-piece casting mold, one piece
10 having walls configured to receive a liquefied core material and another piece having walls configured to receive a liquefied seal material. The liquefied seal material is introduced into the mold, and, separately therefrom, the liquefied core material is introduced into
15 the casting mold. When the seal material and the core material are combined in the casting mold, they are both unhardened, or at least partially un-hardened. Heat is applied to the core material and the seal material after such materials are introduced into the mold. Intake
20 manifold made of plastic and method for manufacturing it.